



CONSTRUCTION EQUIPMENT

SPM701405 SENNEBOGEN 835ME 835.0.2718 - FRONT AXLE



Sample No: VCP425152
Oil Type: GEAR OIL SAE 80W90
Job No: SPM701405



SAMPLE INFORMATION

Sample Number	VCP425152	VCP433444	VCP415013	VCP423377
Sample Date	12 Apr 2024	07 Dec 2023	12 Sep 2023	25 May 2023
Machine Hours	9760	8880	8383	7855
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Changed	Not Chngd	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

BELSON STEEL
1685 N STATE RTE 50
BOURBONNAIS, IL
US 60914
Contact: M. POZAN
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F:



OIL CONDITION

Visc @ 40°C	cSt	152	136	159	145
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CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	6	2	12	2
Sodium	ppm	<1	<1	10	0
Potassium	ppm	0	<1	4	<1

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	32	6	187	1
Copper	ppm	<1	7	<1	<1
Lead	ppm	0	0	0	0
Tin	ppm	<1	<1	0	0
Aluminum	ppm	0	<1	3	0
Chromium	ppm	0	0	6	0
Molybdenum	ppm	0	0	<1	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	6	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	137	13	43	137
Magnesium	ppm	6	<1	2	3
Zinc	ppm	71	9	15	64
Phosphorus	ppm	615	514	297	1838
Barium	ppm	0	0	0	0
Boron	ppm	22	7	0	162

Depot: BELBOU
Unique No: 10996155
Signed: Wes Davis
Report Date: 30 Apr 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

